

40

Air-Fed Incinerator

DISPATCH		CLASSIFICATION SECRET	DISPATCH SYMBOL AND NO. [REDACTED]	25X1
TO INFO	Chief, KURIOT Chief, WH Division		HEADQUARTERS FILE NO. 50-1-1-6	
FROM [REDACTED]		DATE 7 June 1961		25X1
SUBJECT AQUATIC/Operational/Air-Fed Incinerator		RE: "43-3" - (CHECK "X" ONE) <input type="checkbox"/> MARKED FOR INDEXING <input checked="" type="checkbox"/> NO INDEXING REQUIRED		
ACTION REQUIRED See para 5.		INDEXING CAN BE JUDGED BY QUALIFIED HQ. DESK ONLY		
REFERENCES				
<p>A. [REDACTED]</p> <p>B. [REDACTED]</p> <p>1. For the record [REDACTED] wishes to emphasize the fact that the air fed incinerator installed at [REDACTED] is one of the most useful pieces of equipment presently being used at this field installation. Its utility and the benefits derived by [REDACTED] far outweigh the shortcomings of the apparatus. These shortcomings will be the subject of this dispatch. The fact that [REDACTED] can now perform the destruction of classified waste without having to leave the vault area has considerably relieved the apprehension with which [REDACTED] contemplated the possibility of having to destroy all classified matter under emergency conditions. The routine daily destruction of classified waste has also ceased to be a matter of concern since its destruction no longer involves the physical movement of classified paper through eight stories and to the roof of the building. ODACID classified paper destruction facilities, locally designed and constructed, leave much to be desired.</p> <p>2. Concerning reference A, paragraph 1, this is a garbled version of the facts. The stack opening of the incinerator points in a northern direction, an exact 340 degree bearing. [REDACTED] has constant afternoon prevailing winds from a northeasterly direction whose velocity averages between 10 to 15 knots with late afternoon gusts as high as 25 knots. [REDACTED] has to perform all its classified matter destruction after 1800 hours which means that as the fan is stopped, even with the damper closed, the wind has enough intensity to drive the ashes through the incinerator door and into the vault.</p> <p>3. The following observations may be of some use to KURIOT in evaluating the performance of the device:</p> <p>a. <u>50 cycle current:</u> [REDACTED] has 50-cycle current consequently the motor driven fan has never operated at the speed for which it was designed. The inability of the motor to deliver the required amount of air into the device to maintain a cyclone effect is, in [REDACTED] the principal factor for the accumulation of ashes in the incinerator. [REDACTED] is under the impression that no ashes remain when the incinerator is operating at its maximum efficiency.</p> <p>[REDACTED]</p> <p>c. <u>Prevailing winds:</u> As previously mentioned, the stack of the incinerator opens into a 340 degree bearing almost directly into a prevailing wind that averages 10 to 15 knots. This factor is another handicap that an already slow revolving fan has to further overcome in order to supply enough air to assure an intense fire.</p>				
<div style="display: flex; justify-content: space-between;"> <div> <p>FORM 10-57 53 (40)</p> <p>USE PREVIOUS EDITIONS REPLACES FORMS 51-28, 51-28A AND 51-29 WHICH ARE OBSOLETE.</p> </div> <div> <p>CLASSIFICATION SECRET</p> </div> <div> <p>008 47 REV DATE 3 JUL 60 BY 057447 008632</p> <p>ORIG COMP 057 OPI 66 TYPE 10</p> <p>ORIG CLASS 5 PAGES 3 REV CLASS C</p> <p>JUST 22 NEXT REV 2010 AUTH: HR 78-2</p> </div> <div> <p>PAGE NO.</p> </div> </div>				

CONTINUATION OF
DISPATCH

CLASSIFICATION

DISPATCH SYMBOL AND NO

~~SECRET~~

25X1

CONFIDENTIAL

d. Bigger fan: As the appropriate section in KURIOT already knows [redacted] substituted a fan bigger than the one originally shipped with the device, but the shift did not improve the efficiency of the incinerator to any great degree. Prolonged use of the incinerator has demonstrated that the fan shift placed an additional load on the motor with adverse effects.

25X1

e. Motor Overheating: As stated in sub-paragraph d, above, the bigger fan has placed an additional load on the motor, without any appreciable effect on air movement. [redacted] has seriously considered (1) reinstalling the smaller fan or (2) installing a bigger capacity motor. This has not been done because of doubts that [redacted] has enough technical know-how to accomplish such an operation without affecting the balance of the motor/fan coupling. The present motor/fan combination has a tendency to overheat the motor. In a prolonged emergency run it is doubtful that the motor would survive the length of time required to liquidate all classified matter.

25X1

25X1

f. Burning rate: The burning rate of the device does not even approach the performance claimed for it by [redacted]. [redacted] has tried to burn bound files with little or no success. Even unbound material has a tendency to mat together at the bottom of the incinerator which necessitates the use of a poker to spread the material and insure a complete destruction of material.

25X1
25X1

g. Line Voltage: The 220 volt line that nurtures the incinerator actually delivers 205 volts.

4. [redacted] has been considering the idea of taking advantage of a natural current of air in speeding up the operation of the device by installing an air intake duct as shown in the sketch attached herewith.

25X1

5. Headquarters comments on the contents of this dispatch would be appreciated.

25X1

2 June 1961

Distribution:

2 - KURIOT w/att
2 - WHD w/att
2 - Files

FORM
10 57 53a
(40)USE PREVIOUS EDITION.
REPLACES FORMS
51-28, 51-35A AND 51-39
WHICH ARE OBSOLETE.

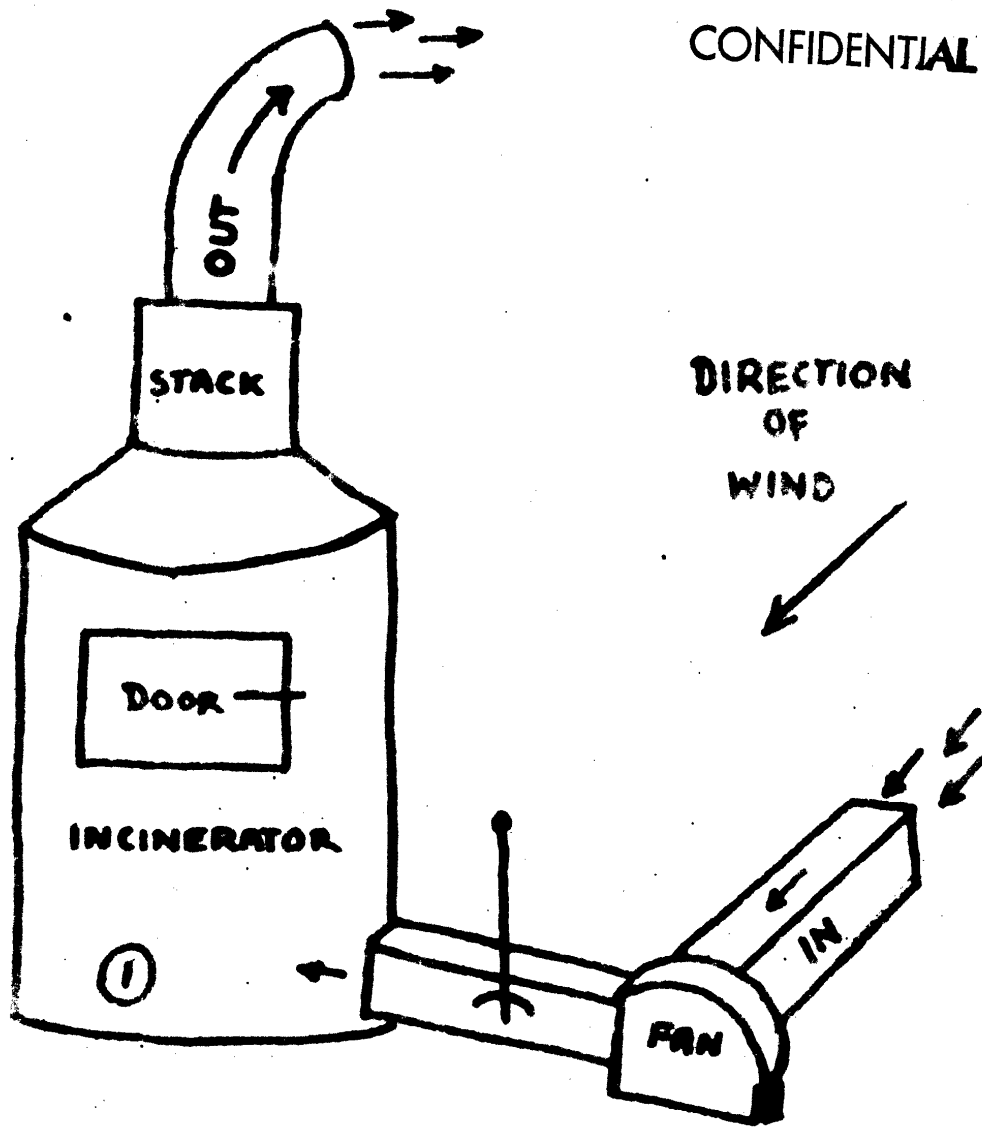
CLASSIFICATION

~~SECRET~~**CONFIDENTIAL**

PAGE NO.

☐ CONTINUE

EXHIBIT COPY



CONFIDENTIAL